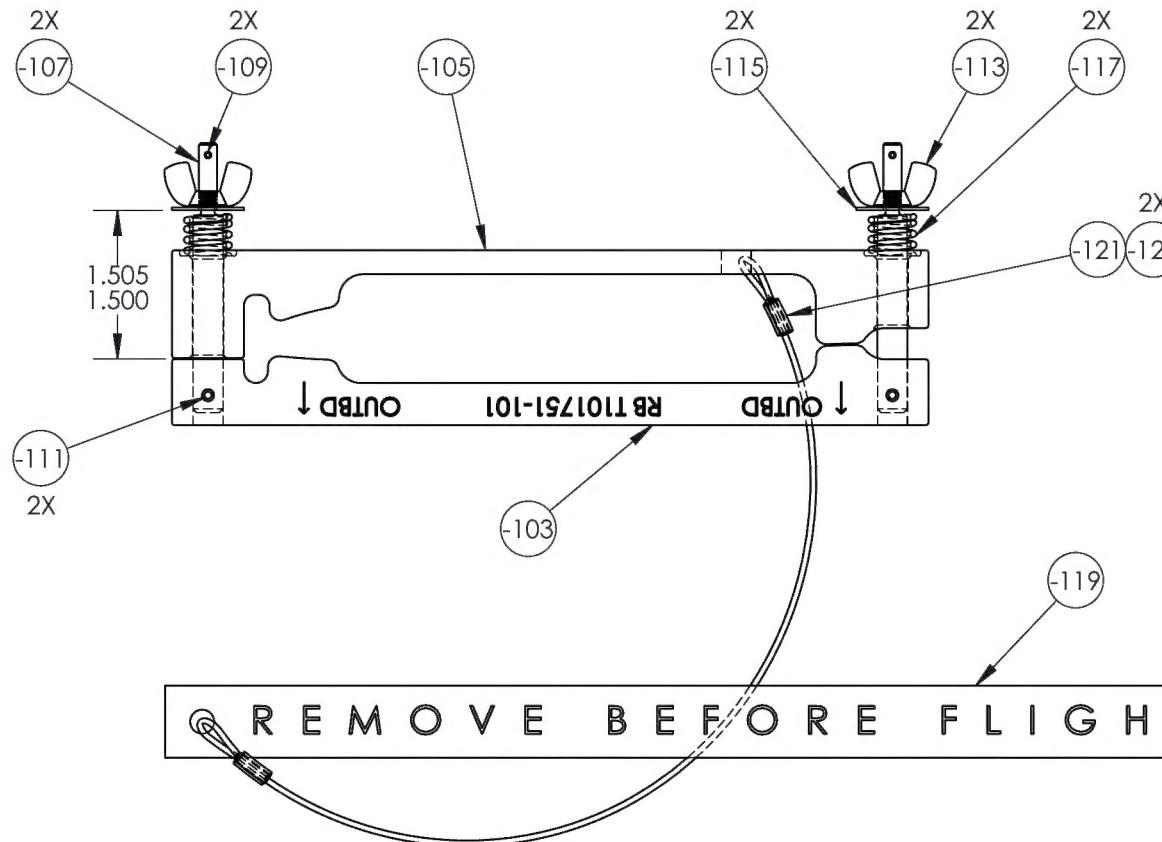


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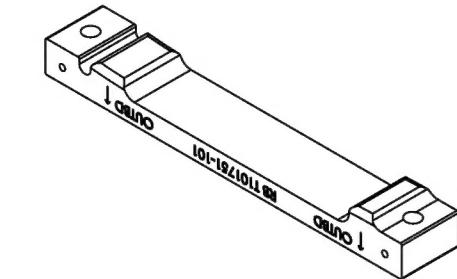
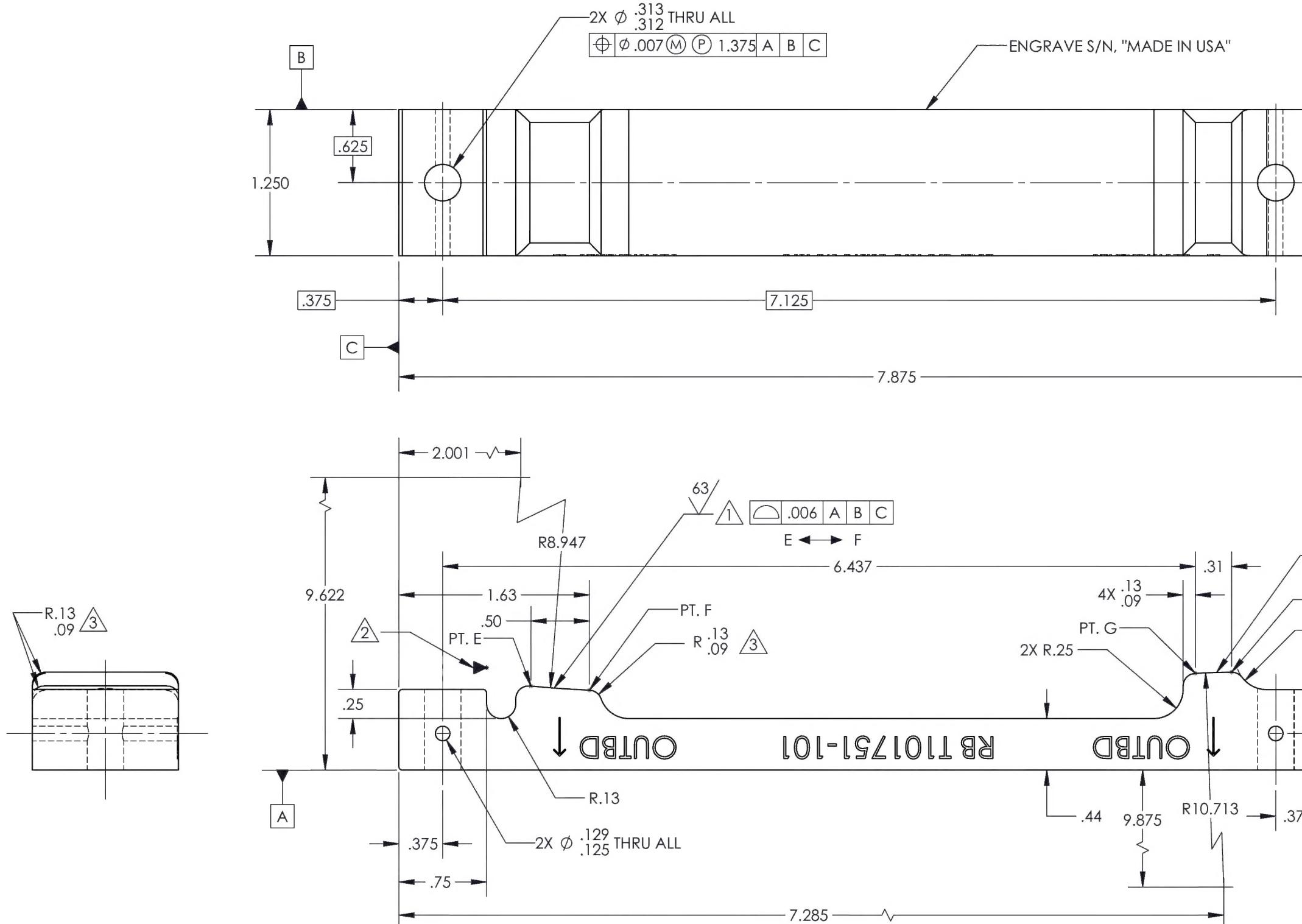
REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
		REDRAWN FROM TATTERED ORIGINAL DRAWING.	2/4/2013	RJC	SE
A		-107 CH'D CALLOUT ON THREAD TOLERANCE WAS #10-32 IS #10-32 UNF-2A.	4/7/2014	DPD	GE
1	15-0118	UPDATED TO NEW DRAFTING STANDARDS. -103 ADDED ENGRAVE NOTE. -103 & -105 IMPROVED GD&T. CH'D TOLERANCE ON NON-CRITICAL DIMENSIONS.	5/26/2015	DPD	JAG



ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-103	1	OUTER BLOCK	6061		2
			-105	1	INNER BLOCK	6061		3
			-107	2	STUD	303 S.S.		4
B/O			-109	2	SLOTTED SPRING PIN	S.S.	Ø1/16 X 1/4 (MCMASTER-CARR #92373A105)	1
B/O			-111	2	SLOTTED SPRING PIN	S.S.	Ø1/8 X 1 (MCMASTER-CARR #92373A183)	1
B/O			-113	2	WING NUT	S.S.	#10-32 (MCMASTER-CARR #92001A311)	1
B/O			-115	2	WASHER	S.S.	Ø3/4 X O.D. X Ø.13/64 I.D. (MCMASTER-CARR #90313A202)	1
B/O			-117	2	SPRING	S.S.	(AIRCRAFT HARDWARE #MS24585-1354)	1
B/O			-119	1	REMOVE BEFORE FLIGHT	NYLON	NAS 1756-12	1
B/O			-123	2	FERRULE	ALUMINUM	Ø1/16 X 3/8 (MCMASTER-CARR #3896T31)	1
B/O			-121	1	LANYARD	COATED STEEL	Ø1/16 X 6 (CARR LANE #CL2C)	1

 <b>TITLE</b> <b>TOOL ASSY-RIGGING, TAIL ROTOR BLADE</b>	
<b>DWG NO.</b>	<b>RB T101751-101</b>
<b>REV</b>	<b>1</b>
<b>MAT'L</b>	<b>DRAWN BY:</b> CLOUGH
<b>APPROVED</b> <i>D. Weil</i>	
<b>UNLESS OTHERWISE SPECIFIED</b> <b>DIMENSIONS ARE IN INCHES</b> <b>.XXX ± .005</b> <b>FRACTIONS ± 1/8</b> <b>.XX ± .01</b> <b>ANGLES ± 5°</b> <b>X ± .1</b> <b>HEAT TREAT FINISH</b> <b>SPEC</b>	
<b>1. BREAK ALL SHARP EDGES .015 x 45°</b> <b>OR .015R</b> <b>2. DIMENSIONAL LIMITS APPLY AFTER</b> <b>PLATING</b> <b>USED ON MODEL</b> <b>BELL 407</b>	
<b>SCALE</b>	<b>1:2</b>
<b>DATE</b>	<b>11/16/2012</b>
<b> SHEET 1 OF 4</b>	

REV			ECR			DESCRIPTION			DATE			INITIAL			APPROVED		
1	15-0118	-103	DELETED DATUM A & BASIC .750. IMPROVED GD&T. ADDED ENGRAVE NOTE.						5/27/2015	DPD	JAG						



-103

OUTER BLOCK

NOTES:

1 TAIL ROTOR BLADE CONTOUR DEFINITION AT STA 27.00 PER 406-016-101.

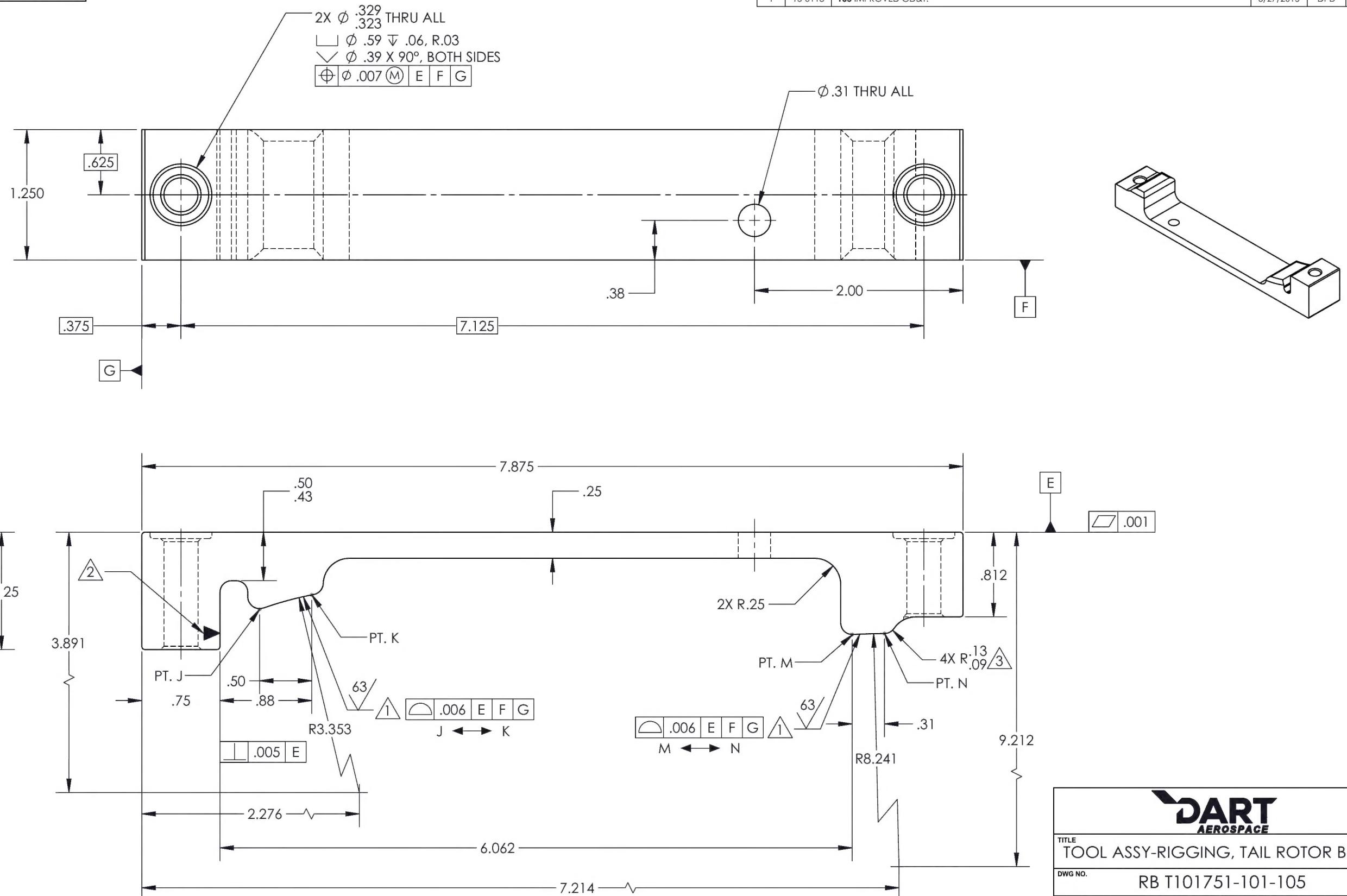
2 SYMBOL ▶ DENOTES POINT CONTACT OF TAIL ROTOR BLADE LEADING EDGE AT STA 27.00 PER 406-016-101.

3 BLEND CORNER RADII TO ALL ADJACENT SURFACE. NO SHARP EDGES PERMITTED.

DART AEROSPACE	
TITLE TOOL ASSY-RIGGING, TAIL ROTOR BLADE	
DWG NO.	RB T101751-101-103
REV	1
MATL	6061
DRAWN BY:	CLOUGH
UNLESS OTHERWISE SPECIFIED	APPROVED
DIMENSIONS ARE IN INCHES	D. Weil
.XXX ± .005	HEAT TREAT
XX ± .01	FRACTIONS ± 1/8
X ± .1	ANGLES ± 5°
1. BREAK ALL SHARP EDGES .015 x 45°	FINISH RED ANODIZE
OR .015R	SPEC MIL-A-8625F, TYPE II, CLASS II
2. DIMENSIONAL LIMITS APPLY AFTER	USED ON MODEL
PLATING	BELL 407
SCALE	1:1
DATE	11/16/2012
SHEET	2 OF 4

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REVISIONS						
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED	
1	15-0118	<b>-105 IMPROVED GD&amp;T.</b>	5/27/2015	DPD	JAG	



NOTES:

1 TAIL ROTOR BLADE CONTOUR DEFINITION AT STA 27.00 PER 406-016-101.

▲ SYMBOL ► DENOTES POINT CONTACT OF TAIL ROTOR BLADE LEADING EDGE AT STA 27.00 PER 406-016-101

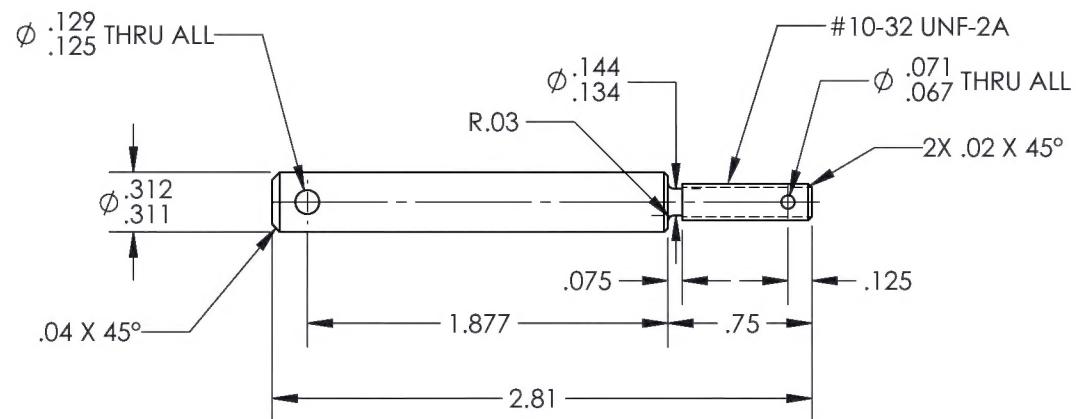
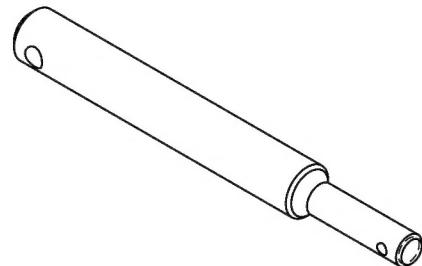
3 BLEND CORNER RADII TO ALL ADJACENT SURFACE. NO SHARP EDGES PERMITTED

## INNER BLOCK



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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
A		-107 CH'D CALLOUT ON THREAD TOLERANCE WAS #10-32 IS #10-32 UNF-2A.	4/7/2014	DPD	RJC



-107

STUD

<b>DART</b> AEROSPACE	
TITLE	TOOL ASSY-RIGGING, TAIL ROTOR BLADE
DWG NO.	RB T101751-101-107
MAT'L	303 S.S.
DRAWN BY:	CLOUGH
UNLESS OTHERWISE SPECIFIED	APPROVED
DIMENSIONS ARE IN INCHES	<i>D Weil</i>
.XXX ± .005	FRACTIONS ± 1/8
.XX ± .01	ANGLES ± 5°
.X ± .1	HEAT TREAT
	FINISH
1. BREAK ALL SHARP EDGES .015 x 45°	SPEC
OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER	BELL 407
PLATING	
SCALE	1:1
DATE	11/16/2012
SHEET 4 OF 4	